

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Homestake Mining Co. Owner's Well No. C W 7
Street or Post Office Address P.O. Box 98
City and State Grants, N.M. 87020

Well was drilled under Permit No. Applied Form and is located in the: Mill Site

a. 1/4 1/4 1/4 1/4 of Section _____ Township _____ Range _____ N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in Cibola County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in
the _____ Grant.

(B) Drilling Contractor Garner Drilling Co. License No. WD-595

Address Box 3146 Milan, N.M. 87021

Drilling Began 4-13-83 Completed 4-20-83 Type tools Rotary Size of hole 10 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 285.5 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well _____ ft.
Test

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
			Test Hole, no water	

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
6	13 weld		1	280.5	281.5	open	none	XXXXXXXXXX
4 in.	PVC screen set		from 275.5-- 285.5 with			packer at top.		
Hole	cemented		from bottom to top.					

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
Used	4 1/2 sks.	Lo-Loss			Cement with mud pump

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by: _____

State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received _____

Quad _____ FWL _____ FSL _____

File No. _____ Use _____ Location No. _____

Section 6. LOG OF HOLE

Depth in Feet		Thickness in Feet	Color and Type of Material Encountered
From	To		
0	30	30	tan shale
30	35	5	red shale
35	60	25	tan sandy shale with gravel lenses
60	70	10	sand & gravel
70	75	5	red shale
75	85	10	sand & gravel
85	95	10	purple shale
95	130	35	red shale
130	155	25	purple shale
155	160	5	purple shale & white sandstone
160	245	85	purple shale
245	252	7	purple shale & sandstone
252	285.5	33.5	purple shale
			Cored Time Rec.
			102--104 2 Hrs. 2 ft.
			220--221.3 2.5 Hrs. 1.1 ft.
			277- 279.8 3 Hrs. 2.8 ft.
			Total 7.5 Hrs. 7.5 Hrs.
			Set casing & cement to 280.5 ft. 8 Hrs.
			Drill out cement plug,drill hole from
			280.5 to 285.5 ft.Set 10 ft. 4in. screen
			with packer at top as liner from 275.5 to
			285.5 ft. Circulate hole with clear water.
			Jet hole with air to remove water. 3.5 Hrs.

Section 7. REMARKS AND ADDITIONAL INFORMATION

Total Rig Time 19 Hrs.
Total Drilling large hole 280.5 ft.

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

J. G. Hane

Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office